

PATENT  
ATTORNEY DOCKET NO. 03848-00093

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Janet A. Warrington et al.

Serial No.: 09/950,016

Filed: September 10, 2001

Title: METHODS FOR DETECTING AND  
DIAGNOSING ORAL CANCER

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)  
) Examiner: Not Assigned Yet  
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) Art Unit: 1641  
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Assistant Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

Attention: Box Missing Parts

**AMENDMENT AND RESPONSE TO REQUEST FOR SEQUENCE LISTING**

In response to the Notice to File Missing Parts under 37 CFR § 1.53(b) mailed November 5, 2001, Applicants respectfully request entry of the following amendments.

In the specification:

Please amend the specification as follows:

At page 23, lines 20-27:

For designing the specific primers and probes, PE/ABD Primer Express software as well as MacVector were used. Primer sequences used were:

Collagenase forward: 5'-ACACGGAACCCCAAGGACA-3' (SEQ ID NO:1)

Collagenase Reverse: 5'-GTTTTGTTGCCGGTGGTTTT-3' (SEQ ID NO:2)

UPA forward: 5'-GCACCATCAAACAAACCCCTTAC-3' (SEQ ID NO:3)

UPA reverse: 5'-CAGACAGAAAAACCCCTGCCTG-3' (SEQ ID NO:4)

Cathepsin L forward: 5'-CAGTGTGGTTCTTGTTGGGCT-3' (SEQ ID NO:5)

Cathepsin L reverse: 5'-CTTGAGGCCAGAGCAGTCTA-3' (SEQ ID NO:6).

### **REMARKS**

Applicants have amended the specification to include sequence identifiers. Applicants have enclosed a sequence listing (both paper and computer readable form versions) that contains the sequences shown in the specification, as requested by the Examiner. Applicants have submitted substitute Figures 1-7, which have been corrected to include appropriate margins, as requested by the Examiner. Applicants respectfully request substitution and approval of the submitted figures.

In accordance with 37 C.F.R. § 1.821(c), enclosed is a paper copy of the Sequence Listing. Applicants respectfully request that the application be amended to include the paper copy of the sequence listing as part of the application.


In accordance with 37 C.F.R. § 1.821(e), enclosed is a 3.5 inch computer disk that contains a computer readable form of the paper Sequence Listing. The disk is in IBM PC format and contains the computer readable form of the paper "Sequence Listing" in ANSI text format, as the file name "03848-00093 seq listing.ST25". The computer readable form of the sequence listing is identical to the sequence listing submitted on paper, as required by 37 C.F.R. § 1.821(f), and contains no new matter.

**STATEMENT UNDER 37 C.F.R. § 1.821(f)**

In accordance with 37 C.F.R. § 1.821(f), I hereby state that the hard copy and the computer readable form of the Sequence Listing submitted herewith in the above-identified patent application are supported in the application, contain no new matter, and contain the same substantive sequence information.

Respectfully submitted,

Dated: January 7, 2002

  
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